

Cal OES

Daily Weather Threat Briefing

Regional Operations Center

Western Region

Tuesday, August 30



Day 1 (Tuesday): Hot temperatures will begin to build across much of southern California, with widespread moderate to locally high heat risk impacts expected for the afternoon and evening hours.



Weather Risk Outlook

Regional Operations Center
Western Region
Tuesday, August 30

	Tue, Aug 30	Wed, Aug 31	Thu, Sep 1	Fri, Sep 2	Sat, Sep 3	Sun, Sep 4	Mon, Sep 5
Fire Weather Low RH / Wind / Dry T-Storms	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern
Thunderstorms Wind / Hail / Tornadoes							
Heat	Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	Inland/ Southern	All Regions	Inland/ Southern
Cold							
River Flooding							
Wind							
Heavy Rain Flash Flooding / Debris Flow							
Snow							
Coastal Flooding							
Risk Levels	Little to None		Minor	Moderate	Major		Extreme



Weather Key Points

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Western Region

Tuesday, August 30

- Significant heat will build across much of the state through late week and into the Labor Day weekend, starting first in southern California Tuesday and then gradually spreading north through late week and the weekend
 - The hottest temperatures of 95 to 110°F are forecast for inland areas away from the coast Friday through Monday, though very hot readings may persist through much of next week as well. These readings will be 10 to 20+ degrees above normal for early September, and will approach record territory.
 - Coastal areas are also likely to see a few days of hot temperatures as well, especially Saturday and Sunday
 - Widespread high heat risk impacts are expected by the weekend, with localized very high heat impacts likely
 - Overnight low temperatures will also remain quite warm, only falling into the 60s and 70s for many inland areas, and even holding in the 80s across the Mojave Desert and Imperial Valley. These warm overnight readings will add to the heat impacts.
- The combination of building heat, mainly dry weather, and locally breezy winds will bring continued elevated fire weather conditions most days to the mountains and foothills
 - A period of more widespread gusty winds is possible across the Modoc Plateau and areas east of the northern Sierra on Friday



Precipitation Forecast

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Tuesday, August 30

No significant precipitation is expected through Labor Day

Important Note: Forecast precipitation amounts are an average for any particular location. Thunderstorms will produce locally much higher rainfall amounts.

Precipitation (inches)



Tue-Wed Heat Risk

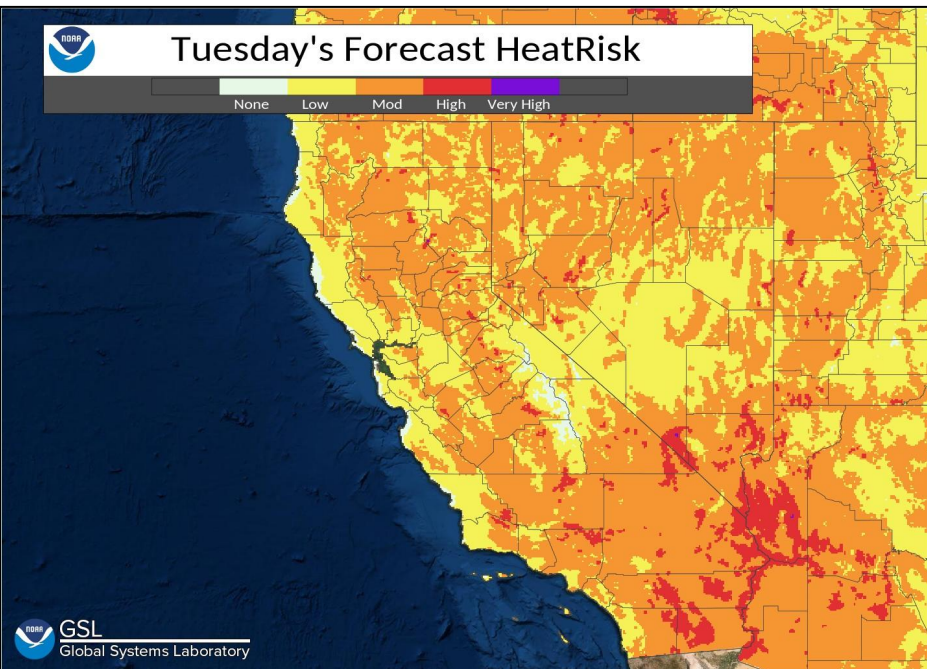
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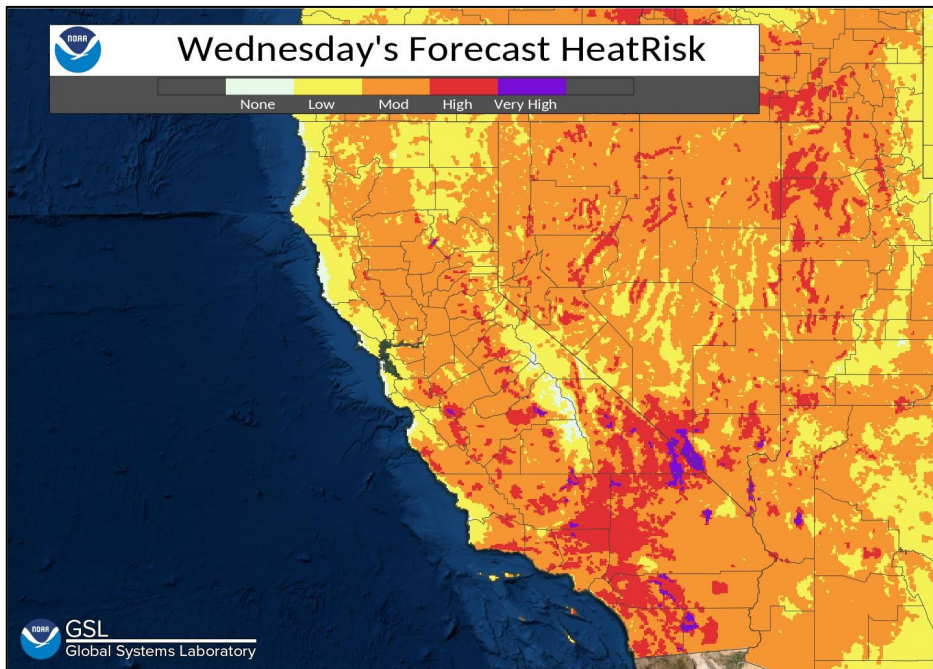
Tuesday's Forecast HeatRisk

None Low Mod High Very High



Wednesday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
Yellow	Level 1	Low Risk for those extremely sensitive to heat, especially those without effective cooling and/or adequate hydration
Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
Magenta	Level 4	Very High Risk for the entire population due to long duration heat, with little to no relief overnight

Thursday's Forecast HeatRisk

None Low Mod High Very High

Friday's Forecast HeatRisk

None Low Mod High Very High

GSL
Global Systems Laboratory

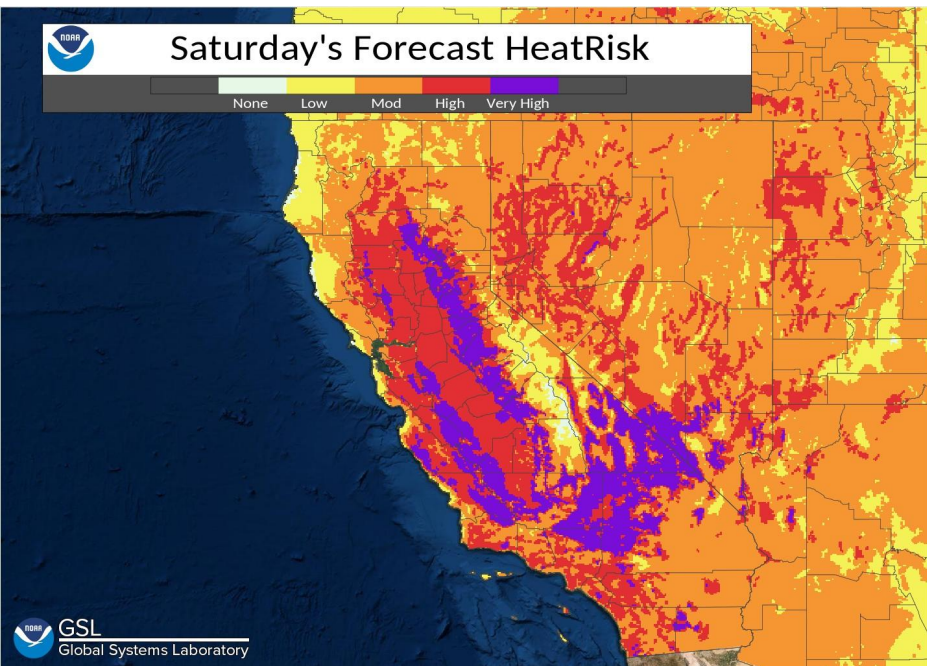
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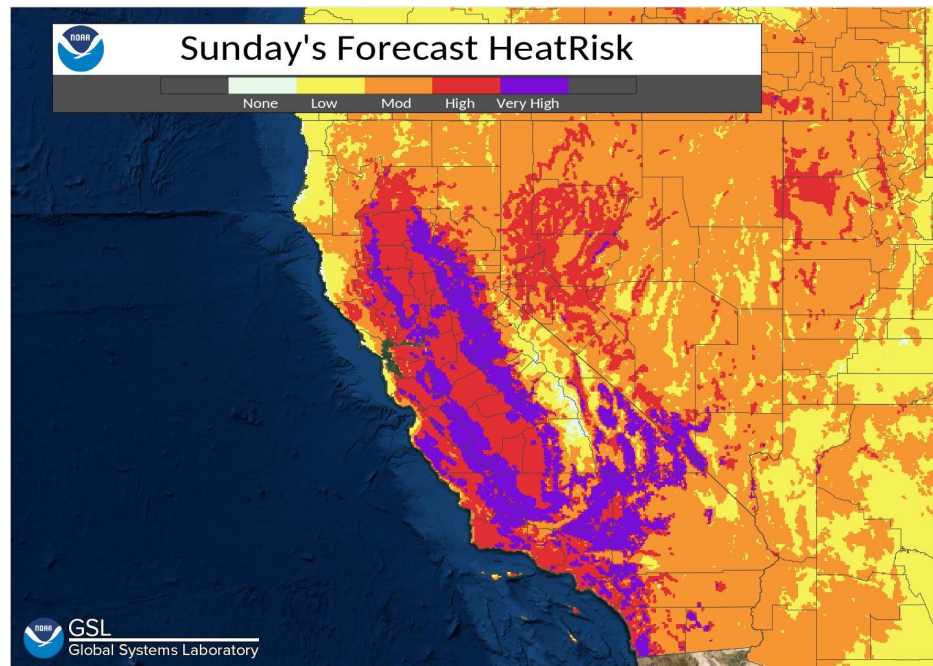
Saturday's Forecast HeatRisk

None Low Mod High Very High



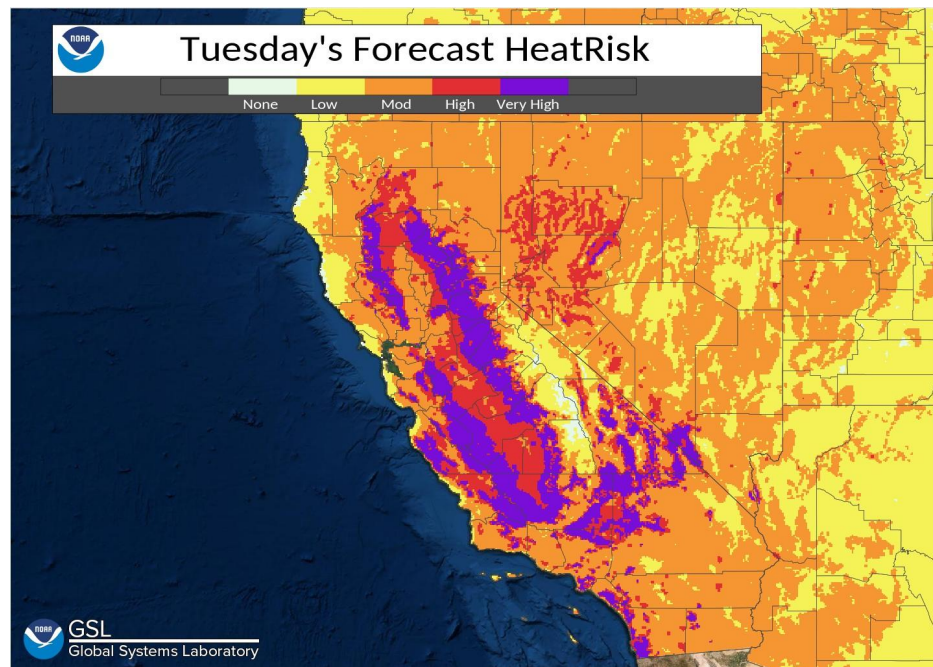
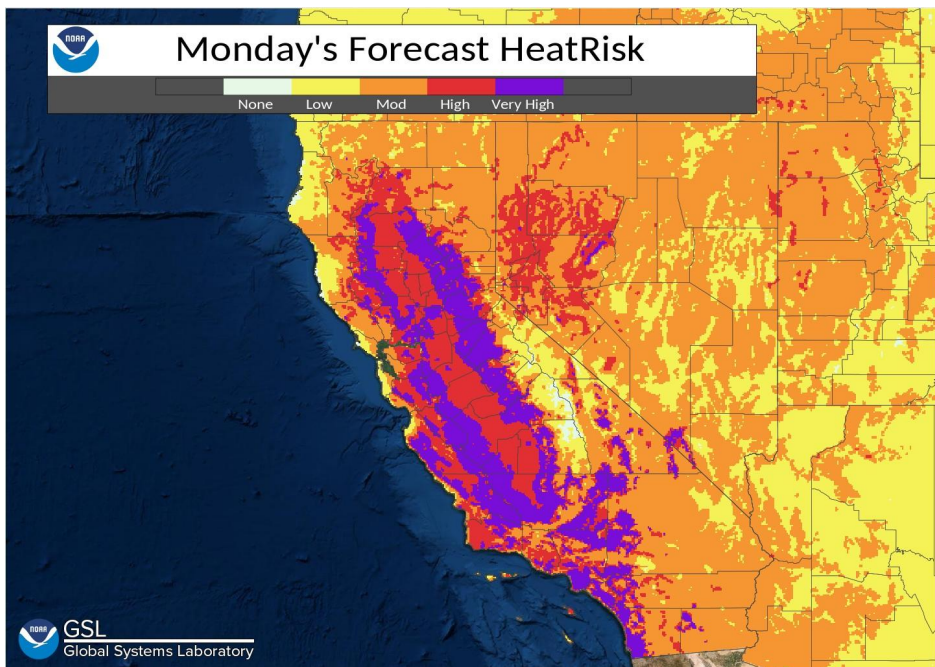
Sunday's Forecast HeatRisk

None Low Mod High Very High



Green	Level 0	No Elevated Risk
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Orange	Level 2	Moderate Risk for those who are sensitive to heat, especially those without effective cooling and/or adequate hydration

Red	Level 3	High Risk for much of the population, especially those who are heat sensitive and those without effective cooling and/or adequate hydration
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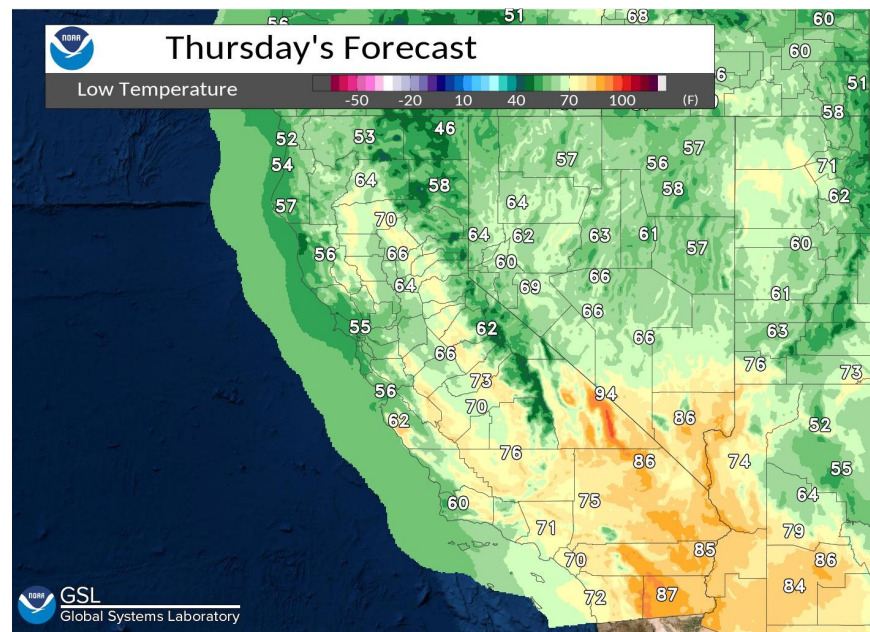
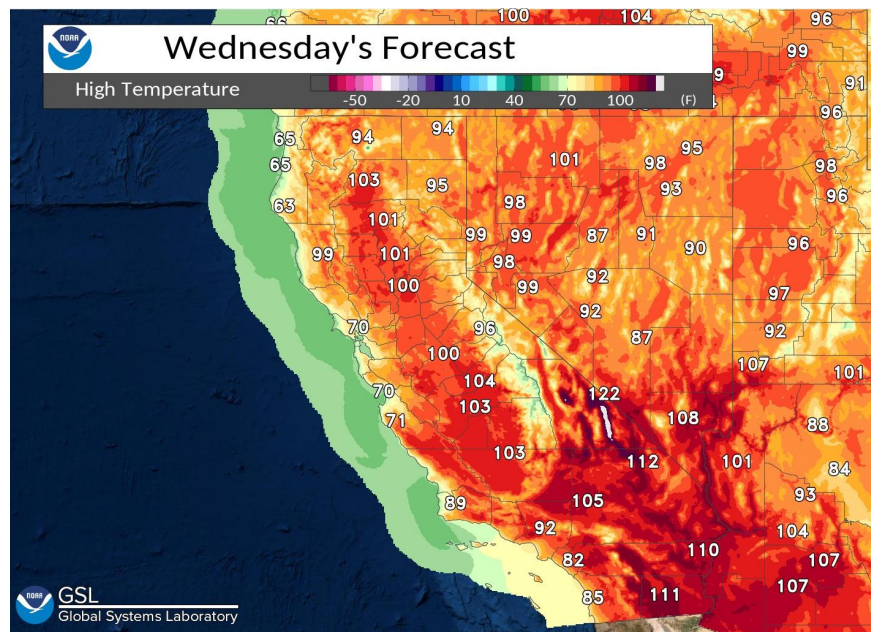
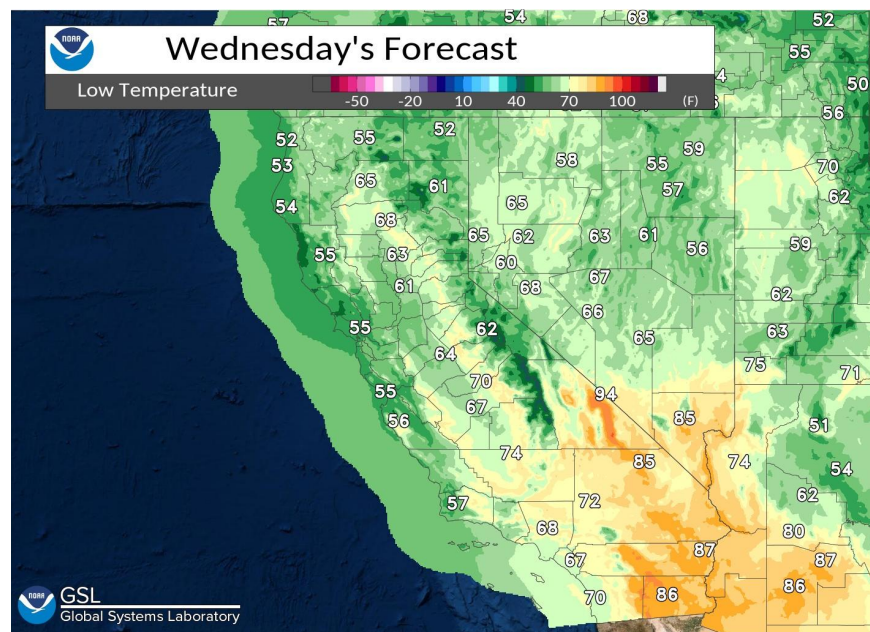
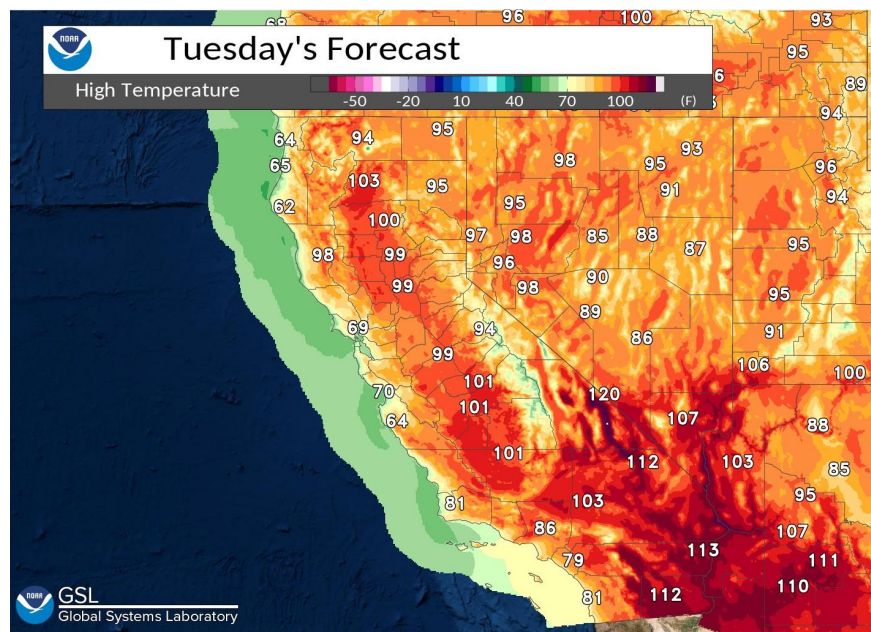
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Tue-Wed Temperatures

Regional Operations Center

Western Region

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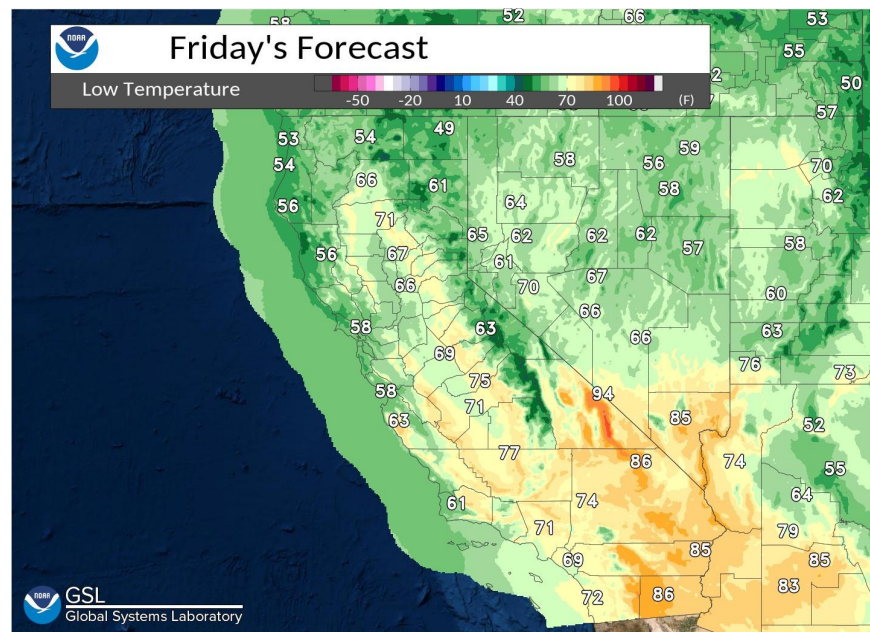
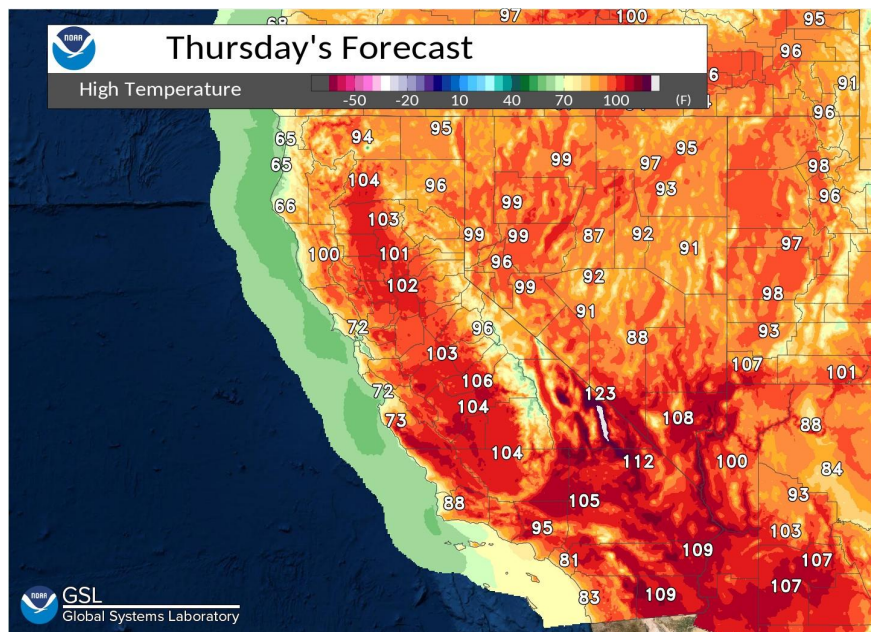
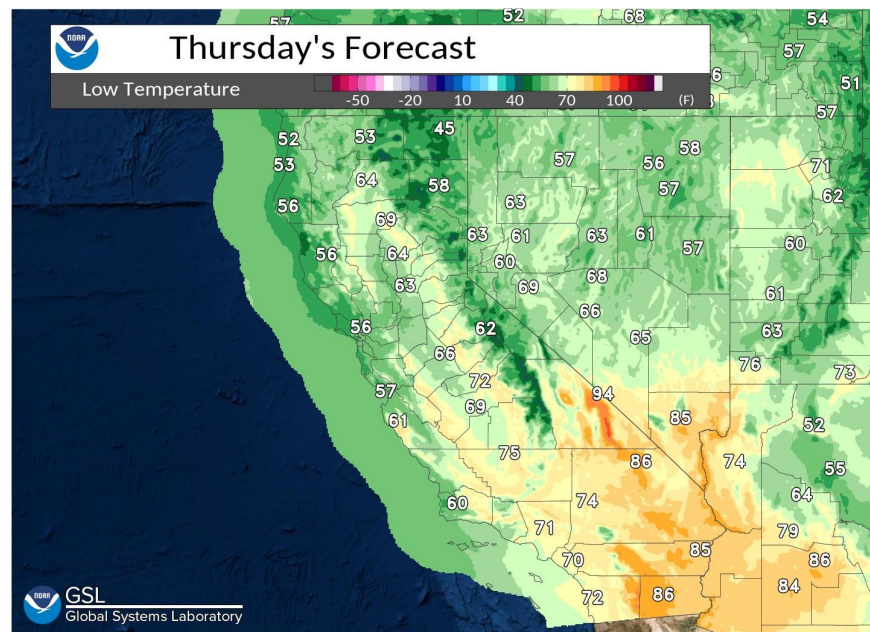
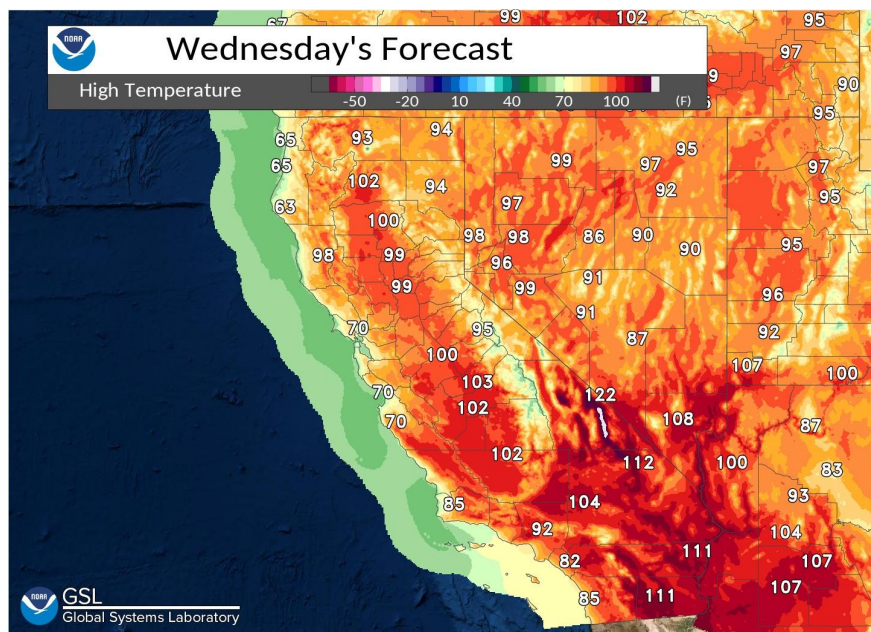


Thu-Fri Temperatures

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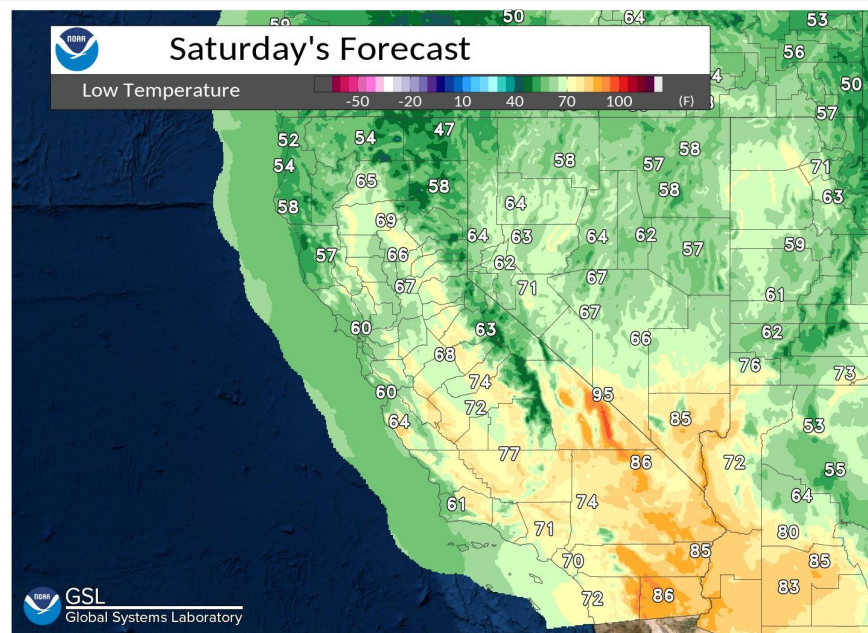
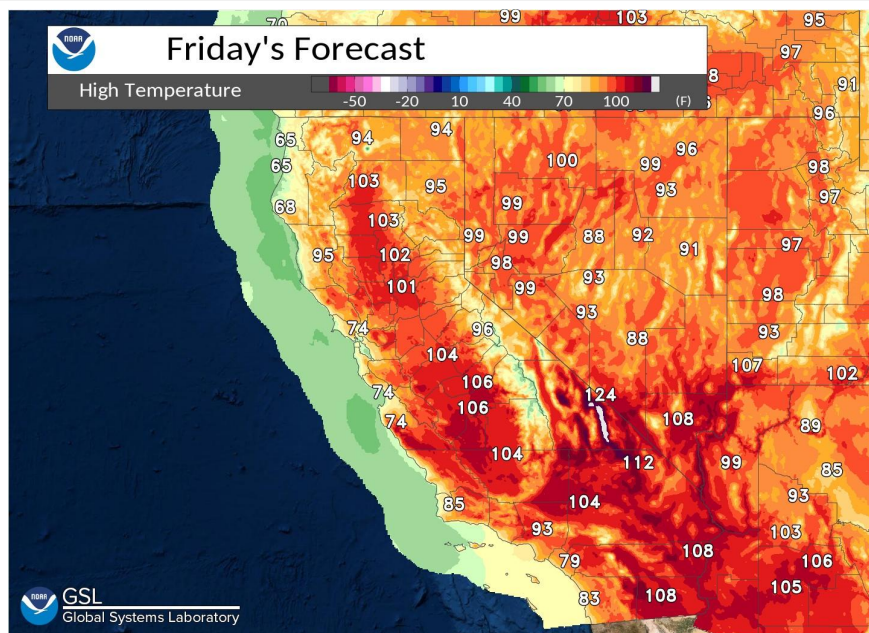


Sat-Sun Temperatures

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Weather Outlook (6-14 Days)

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Tuesday, August 30

6-10 Day Outlook (September 4 – September 8)

Temperatures

- Above normal temperatures are strongly favored to continue statewide

Precipitation

- Below normal precipitation is favored across northern California, with above normal precipitation slightly favored across southern California

8-14 Day Outlook (September 6 – September 12)

Temperatures

- Above normal temperatures are strongly favored once again for all areas

Precipitation

- Below normal precipitation is again favored across northern California, with above normal precipitation favored across the southern third of the state



Risk Assessment Matrix

Regional Operations Center

Western Region

Tuesday, August 30

Impact Level Definition

1. **Impactful weather is not expected.**
2. **Potential threat to lives and property if no/incorrect actions are taken.**
 - a. Localized impacts on commerce possible.
 - b. Includes events that occur frequently.
3. **Potential threat to lives and property if no/incorrect actions are taken.**
 - a. Impacts on commerce possible.
 - b. Includes events that occur a few times per year.
4. **Actions likely needed to save lives and/or property.**
 - a. Significant impacts to commerce possible.
 - b. Includes events that occur infrequently.
5. **Actions required to save lives and/or property.**
 - a. Significant and extended impacts to commerce.
 - b. Includes exceptionally rare events.

